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INTELLECTUAL PROPERTY LAW

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6 February 2004

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31353 U.S. PTO
10/772393

† ADMITTED IN MARYLAND
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* NOT ADMITTED IN D.C.

Mail Stop : Patent Application

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

Attorney Docket: P56929

Submitted herewith is the following patent application:

Inventor: 1) JIN-WON KIM

Title: PPPoE NETWORK SYSTEM AND RECONNECTION METHOD
THEREOF

Please find attached hereto an application for patent which includes: Specification and Abstract, Claims, formal drawings, original Declaration and Power of Attorney, Information Disclosure Statement, an Assignment and certified copy of foreign priority document identified below:

Verified Showing of Small Entity Status: **NO**

Drawings: Formal drawings, 7 sheets, Figures 1 through 7

Claim of priority under 35 U.S.C. §119: **YES**

** The Republic of Korea Application No. 2003-8925 filed on 12 February 2003.

FEE (see formula below): CHECKS ARE ENCLOSED (#45263 and #45264)

Basic Fee \$385/770 \$770.00

Additional Fees:

Total number of claims in excess of 20: ___ times \$9/18 **\$0.00**

Number of independent claims in excess of 3: ___ times \$43/86 **\$0.00**

Multiple Dependent Claims \$145/290 **\$0.00**

An Assignment is likewise enclosed: Recording Fee \$40 **\$40.00**

Filing Non-English specification **\$0.00**

TOTAL FEES FOR THE ABOVE APPLICATION \$810.00

13281 U.S. PTO

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL

Patent fees are subject to annual revision.

Complete If Known

| | |
|----------------------|-----------------|
| Application Number | to be assigned |
| Filing Date | 6 February 2004 |
| First Named Inventor | JIN-WON KIM |
| Examiner Name | to be assigned |
| Group/Art Unit | to be assigned |

 TOTAL AMOUNT OF PAYMENT **(\$ 810.00)**

 Attorney Docket No. **P56929**
METHOD OF PAYMENT (check one)**FEE CALCULATION (continued)**

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

3. ADDITIONAL FEES
 Deposit Account Number: **02-4943**
 Deposit Account Number:

| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|---------------------------|----------|--------------|----------|--|----------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 1051 | 130 | 2051 | 65 | Surcharge-late filing fee or oath | \$ |
| 1052 | 50 | 2052 | 25 | Surcharge-late provisional filing fee or cover sheet | \$ |
| 1053 | 130 | 1053 | 130 | Non-English specification | \$ |
| 1812 | 2,520 | 1812 | 2,520 | For filing a request for reexamination | \$ |
| 1804 | 920* | 1804 | 920* | Requesting publication of SIR prior to Examiner action | \$ |
| 1805 | 1,840 * | 1805 | 1,840* | Requesting publication of SIR after Examiner action | \$ |
| 1251 | 110 | 2251 | 55 | Extension for reply within first month | \$ |
| 1252 | 420 | 2252 | 210 | Extension for reply within second month | \$ |
| 1253 | 950 | 2253 | 475 | Extension for reply within third month | \$ |
| 1254 | 1,480 | 2254 | 740 | Extension for reply within fourth month | \$ |
| 1255 | 2,010 | 2255 | 1,005 | Extension for reply within fifth month | \$ |
| 1401 | 330 | 2401 | 165 | Notice of Appeal | \$ |
| 1402 | 330 | 2402 | 165 | Filing a brief in support of an appeal | \$ |
| 1403 | 290 | 2403 | 145 | Request for oral hearing | \$ |
| 1451 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding | \$ |
| 1452 | 110 | 2452 | 55 | Petition to revive - unavoidable | \$ |
| 1453 | 1,330 | 2453 | 665 | Petition to revive - unintentional | \$ |
| 1501 | 1,330 | 2501 | 665 | Utility issue fee (or reissue) | \$ |
| 1502 | 480 | 2502 | 240 | Design issue fee | \$ |
| 1503 | 640 | 2503 | 320 | Plant issue fee | \$ |
| 1460 | 130 | 1460 | 130 | Petitions to the Commissioner | \$ |
| 1807 | 50 | 1807 | 50 | Processing fee for provisional applications | \$ |
| 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Statement | \$ |
| 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (Times number of properties) | \$ 40.00 |
| 1809 | 770 | 2809 | 385 | Filing a submission after final rejection (37 C.F.R. §1.129(a)) | \$ |
| 1810 | 770 | 2810 | 385 | For each additional invention to be examined (37 C.F.R. §1.129(b)) | \$ |
| 1801 | 770 | 2801 | 385 | Request for Continued Examination (RCE) | \$ |
| Other Fee (specify) _____ | | | | | \$ |
| Other Fee (specify) _____ | | | | | \$ |

☐ Charge Any Additional Fee Required Under 37 C.F.R. §1.16 and 1.17.

☐ Applicant claims small entity status. See 37 CFR 1.27

2. Payment Enclosed:
(CHECK #45263 & #45264)
☒ Check ☐ Credit Card ☐ Money Order ☐ Other
FEE CALCULATION**1. BASIC FILING FEE**

| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|--------------|----------|--------------|----------|------------------------|-----------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 1001 | 770 | 2001 | 385 | Utility filing fee | \$ 770.00 |
| 1002 | 340 | 2002 | 170 | Design filing fee | \$ |
| 1003 | 530 | 2003 | 265 | Plant filing fee | \$ |
| 1004 | 770 | 2004 | 385 | Reissue filing fee | \$ |
| 1005 | 160 | 2005 | 80 | Provisional filing fee | \$ |

SUBTOTAL (1) (\$ 770.00)
2. EXTRA CLAIM FEES

| | | | Extra Claims | | Fee from below | | Fee Paid |
|--------------------|----|---------|--------------|---|----------------|---|----------|
| Total claims | 16 | -20** = | 0 | x | 18.00 | = | 0.00 |
| Independent Claims | 3 | -3** = | 0 | x | 86.00 | = | 0.00 |


Multiple Dependent

=

** or number previously paid, if greater; For Reissues, see below

| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|--------------|----------|--------------|----------|--|----------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 1201 | 86 | 2201 | 43 | Independent claims in excess of 3 | |
| 1202 | 18 | 2202 | 9 | Claims in excess of 20 | |
| 1203 | 290 | 2203 | 145 | Multiple dependent claim, if not paid | |
| 1204 | 86 | 2204 | 43 | ** Reissue independent claims over original patent | |
| 1205 | 18 | 2205 | 9 | ** Reissue claims in excess of 20 and over original patent | |

SUBTOTAL (2) (\$ 0.00)
**** Reduced by Basic Filing Fee Paid**
SUBTOTAL (3) \$40.00
SUBMITTED BY**Complete (if applicable)**

| | | | | | |
|-----------------------|---|-----|-----------------|-------------------------|--------|
| Typed or Printed Name | Robert E. Bushnell, Esq. | | | Reg. Number | 27,774 |
| Signature |  | Dat | 6 February 2004 | Deposit Account User ID | |

REB/rfc

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Assistant Commissioner for Patents
Page Two

Docket No.: P56929

Inventor: 1) JIN-WON KIM

Title: PPPoE NETWORK SYSTEM AND RECONNECTION METHOD
THEREOF

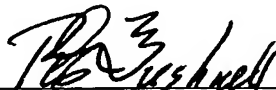
Assistant Commissioner is authorized to charge our Deposit Account No. 02-4943 for any additional charges necessary towards payment of the filing fee for the above-referenced application. Please notify the undersigned attorney of any transaction regarding our Deposit Account.

In view of the above, it is requested that this application be accorded a filing date pursuant to 37 CFR 1.53(b).

Please address all correspondence to:

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Respectfully submitted,



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REB/rfc